83. (Three Times Amended) An electrostatic discharge protection device, comprising:

a substrate;

a first diffusion region formed in the substrate;

a second diffusion region formed in the substrate adjacent to and spaced from the first diffusion region;

at least one contact for making a conductive connection to the first diffusion region;

a channel formed in a third region between the first and second diffusion regions; and

a plurality of current divider segments randomly distributed within the first diffusion region.

88. (Twice Amended) The device of claim 83, wherein

the plurality of segments includes a first row of segments;

each one of the first row of segments has a center-of-area, the respective centers-of-area are not aligned in a straight line.

92. (Twice Amended) An electrostatic discharge protection device, comprising:

a substrate;

a first diffusion region formed in the substrate;

a second diffusion region formed in the substrate adjacent to and spaced from the first diffusion region;

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contacts for making a conductive connection to the first diffusion region;

a channel formed in a third region between the first and second diffusion regions; and

a plurality of current divider segments formed within the first diffusion region and being randomly distributed therein,

wherein at least one of the plurality of current divider segments is completely surrounded by the first diffusion region.

96. (Amended) An electrostatic discharge protection device, comprising:

a substrate;

a first diffusion region formed in the substrate;

a second diffusion region formed in the substrate adjacent to and spaced from the first diffusion region;

a contact for making a conductive connection to the first diffusion region;

a channel formed in a third region between the first and second diffusion regions;

a plurality of current divider segments formed within and completely surrounded by the first diffusion region including first and second segments formed in at least one of different shapes, different sizes, and different orientations with respect to each other.

101. (Amended) An electrostatic discharge protection device, comprising:

a substrate;

a first diffusion region formed in the substrate;

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a second diffusion region formed in the substrate adjacent to and spaced apart from the first diffusion region;

a contact for making a conductive connection to the first diffusion region;

a channel formed in a third region between the first and second diffusion regions; and

a plurality of current divider segments formed within and completely surrounded by the first diffusion region,

wherein said segments include a first segment spaced apart by a first gap in a first direction from an adjacent second segment;

said segments further include a third segment spaced apart by a second gap in the first direction from an adjacent fourth segment; and

said first gap being larger than the second gap.

Contd D5

103. (Amended) An electrostatic discharge protection device, comprising:

a substrate;

a first diffusion region formed in the substrate;

a second diffusion region formed in the substrate adjacent to and spaced apart from the first diffusion region;

a contact for making a conductive connection to the first diffusion region;

a channel formed in a third region between the first and second diffusion regions; and

a plurality of current divider segments formed within and completely surrounded by the first diffusion region,

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wherein said segments include a first segment having a first center-of-area being spaced apart from an adjacent second segment having a second center-of-area;

a third segment having a third center-of-area being spaced apart from an adjacent fourth segment having a fourth center-of-area;

a first distance in a first direction between the first and second centers-of-area;

a second distance in the first direction between the third and fourth centers-of-area; and

the first distance being larger than the second distance.

121. (Amended) An electrostatic discharge protection device, comprising:

a substrate;

a first diffusion region formed in the substrate;

a second diffusion region formed in the substrate adjacent to and spaced from the first diffusion region;

a contact region for making a conductive connection to the first diffusion region;

a channel formed in a third region between the first and second diffusion regions; and

a plurality of current divider segments formed within the first diffusion region between said contact region and the channel and each of the current divider segments formed within the first diffusion region being closer to the channel than to the contact region.

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--123. (New) An electrostatic discharge protection device, comprising:

a substrate;

a first diffusion region formed in the substrate;

a second diffusion region formed in the substrate adjacent to and spaced from the first diffusion region;

at least one contact for making a conductive connection to the first diffusion region;

a channel formed in a third region between the first and second diffusion regions;

a first current divider segment formed within the first diffusion region having a first portion oriented at an angle not parallel to the channel region.

124. (New) The device of claim 123, wherein the first current divider segment further having a second portion oriented at a second angle to the first portion.--

IN THE DRAWINGS:

Subject to the Examiner's approval please amend Fig. 24 as set forth in the Request For Approval Of Drawing Changes.

REMARKS

In the Final Office Action, the Examiner objected to the drawings under 37 C.F.R. § 1.83(a); rejected claims 89, 91, 121, and 122 under 35 U.S.C. § 102(e) as anticipated by Hsu et al., U.S. Patent No. 6,236,073 ("Hsu"); rejected claims 89-91, 117, 118, 121, and 122 under 35 U.S.C. § 103(a) as unpatentable over Lin, U.S. Patent No.

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